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EXAMINER

TRAN, QUOC A

ART UNIT

PAPER NUMBER

2176

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/092,101	Applicant(s) LEYMASTER ET AL.	
	Examiner Quoc A. Tran	Art Unit 2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-47 is/are pending in the application.
- 4a) Of the above claim(s) 12-19 and 33-47 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 and 20-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>03/06/2002</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Amendment both filed on 11/02/2005, to the original application filed 03/06/2002.
2. Claims 1-47 are currently. Claims 12-19 and 33-47 are withdrawn from consideration. Claims 1 and 20 are independent claims.

Response to Arguments

3. Applicant's arguments with respect to claim 1-11 and 20-32 have been considered but are moot in view of the new ground(s) of rejection. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Regarding to Applicant's arguments directed toward the un-amended claims (i.e. dependent claims 2-11 and 21-32). It is noted, that Sragner fairly teach and/or suggest the claims' limitations.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 1-11 and 20-32** rejected under 35 U.S.C. 103(a) as being unpatentable over Sragner US006272485B1-filed- 18 February 1999 (hereinafter Sragner), in view of Underwood et al. US006601057B1- filed 10/30/2000 (hereinafter Underwood).

As to independent claim 1, a server having a plurality of templates and other document assembly assets stored therein; and at least one remote computer configured to communicate with said server directing said server to access said plurality of templates and said other assembly assets to assemble fully formatted documents without using any document-assembly software and word processing software stored on said at least one remote computer (Sragner at col. 2, line 20 through col. 3, line 65, discloses a novel method of transferring documents and related data between a central server and one or more remote users wherein a remote user access to forms and other formatted or graphic documents across all major computing platforms without the need for secondary formatting software, offers a user-friendly system that sends user-selected documents, which may also include related data, from a central server to a remote user automatically over a computer network utilizing a server gateway interface, wherein the documents may be of any format, including forms, instructional materials, newsletters, databases and the documents are made available in plural formats, which may include but are not limited to Microsoft Word (trademark), Corel WordPerfect (trademark), Lotus 123 (trademark), Microsoft Excel (trademark), and ASCII Tex. Further more embodiments include host sites such as the IRS and other government agencies as well as private corporate hosts providing selectable documents and services from a central server such as tax forms, application forms such grant applications, business and tax forms and reporting forms, and publications such as government reports, books, and instructions) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein remote computer would have been an obvious inherent of “from a central server to a remote user automatically over a computer network utilizing a server gateway interface”. It is appreciated to a person of ordinary

skill in the art at the time the invention was made that a remote computer is inherently presented in order for information communicated from a central server to a remote user automatically over a computer network utilizing a server gateway interface, further Sragner at col. 4, line 45 through col. 6, line 5, discloses selected document arrives on user terminal (computer) in an format selected by the user and for which the user has appropriate software such as, word processors, spreadsheets, databases, and others.

Said sever configured to: display on the at least one remote computer a template selected by the user from the plurality of templates for prompting responses from the user relating to a transaction associated with the document assembly, (Sragner at col. 2, line 20 through col. 3, line 65, discloses a novel method of transferring documents and related data between a central server and one or more remote users wherein a remote user access to forms and other formatted or graphic documents across all major computing platforms without the need for secondary formatting software, offers a user-friendly system that sends user-selected documents, which may also include related data, from a central server to a remote user automatically over a computer network utilizing a server gateway interface, wherein the documents may be of any format, including forms, instructional materials, newsletters, databases and the documents are made available in plural formats, which may include but are not limited to Microsoft Word (trademark), Corel WordPerfect (trademark), Lotus 123 (trademark), Microsoft Excel (trademark), and ASCII Tex. Further more embodiments include host sites such as the IRS and other government agencies as well as private corporate hosts providing selectable documents and services from a central server such as tax forms, application forms such grant applications, business and tax forms and reporting forms, and publications such as government reports, books,

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and instructions) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein remote computer would have been an obvious inherent of “from a central server to a remote user automatically over a computer network utilizing a server gateway interface”. It is appreciated to a person of ordinary skill in the art at the time the invention was made that a remote computer is inherently presented in order for information communicated from a central server to a remote user automatically over a computer network utilizing a server gateway interface. Also templates for prompting responses from the user relating to a transaction associated with the document assembly would have been an obvious variant of corporate hosts providing selectable documents and services from a central server such as tax forms, application forms such grant applications, business and tax forms and reporting forms, and publications such as government reports, books, and instructions, to a person of ordinary skill in the art at the time the invention was made.

Sragner does not explicitly teach, **display document structure questions on the remote computer, wherein the questions displayed are controlled by logic and conditions imbedded in the selected template and are displayed in a tree format**, however (Underwood at col. 14 line 20 through col. 36 line, 10, also see Fig. 5-58, discloses a Universal Content Manager (UCM) in a client /server environment wherein server provides templates and tool to end users to generate a customized web site, wherein introducing the Website Definer (see Fig. 5) which is the user interface for selection and maintaining of the website, further discloses in Fig. 32-40 the “Questions” command from pop-up menu (item 3705), which is displayed by selecting an individual page template from site map area (item 1405), further more in Fig. 54 shows a structure tree (item 5505) displays the structural hierarchy of the template web pages that have

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been enable for the template web site) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein the questions displayed are controlled by logic and conditions imbedded in the selected template would have been an obvious variant of "Questions" command from pop-up menu and a tree format would have been an obvious variant of structure tree (item 5505) displays the structural hierarchy of the template web pages that have been enable for the template web site to a person of ordinary skill in the art at the time the invention was made.

receive a response for each question displayed, however (Underwood at col. 14 line 20 through col. 36 line, 10, also see Fig. 5-58, discloses a Universal Content Manager (UCM) in a client /server environment wherein server provides templates and tool to end users to generate a customized web site, wherein introducing the Website Definer (see Fig. 5) which is the user interface for selection and maintaining of the website, further discloses in Fig. 53 illustrating a list of questions relating to the specific business entered by the user in box 4705. Each of the questions in design area 5310 also pertains to the enabling and disabling of a template web page ("yes" or "no") wherein according to the user's answers to these questions, certain basic content in the corresponding template web page is enabled or disabled).

identify pre-assigned, modifiable input documents from the plurality of input documents compatible with the selected template for generating the documents to be assembled, however (Underwood at col. 14 line 20 through col. 36 line, 10, also see Fig. 5-58, discloses a Universal Content Manager (UCM) in a client /server environment wherein server provides templates and tool to end users to generate a customized web site, wherein introducing the Website Definer (see Fig. 5) which is the user interface for selection and maintaining of the

website, further discloses in Fig. 53-54 illustrates a Content page (item 5300) a web site tree structure design area templates, control bar wherein a highlighted button (item 5320) reflects the user's selection of Content page).

documents compatible with the selected template for generating the documents to be assembled, however (Underwood at col. 14 line 20 through col. 36 line, 10, also see Fig. 5-58, discloses a Universal Content Manager (UCM) in a client /server environment wherein server provides templates and tool to end users to generate a customized web site, wherein introducing the Website Definer (see Fig. 5) which is the user interface for selection and maintaining of the website, further discloses in Fig. 32-40 the "Questions" command from pop-up menu (item 3705), which is displayed by selecting an individual page template from site map area (item 1405).

generate the assembled documents based on the identified input documents and the reponse received, however (Underwood at col. 14 line 20 through col. 36 line, 10, also see Fig. 5-58, discloses a Universal Content Manager (UCM) in a client /server environment wherein server provides templates and tool to end users to generate a customized web site, wherein introducing the Website Definer (see Fig. 5) which is the user interface for selection and maintaining of the website, further discloses in Fig. 32-40 the "Questions" command from pop-up menu (item 3705), which is displayed by selecting an individual page template from site map area (item 1405), further more in Fig. 54 shows a structure tree (item 5505) displays the structural hierarchy of the template web pages that have been enable for the template web site) a person of ordinary skill in the art at the time the invention was made.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify teachings of Sragner, wherein a server having a plurality of templates and other document assembly assets stored therein; and at least one remote computer configured to communicate with said server directing said server to access said plurality of templates and said other assembly assets to assemble fully formatted documents without using any document-assembly software and word processing software stored on said at least one remote computer, to include a means of display document structure questions on the remote computer, wherein the questions displayed are controlled by logic and conditions imbedded in the selected template and are displayed in a tree format wherein receive a response for each question displayed and identify pre-assigned, modifiable input documents from the plurality of input documents compatible with the selected template for generating the documents to be assembled and documents compatible with the selected template for generating the documents to be assembled generate the assembled documents based on the identified input documents and the response received of Underwood's teaching. One of the ordinary skill in the art would have been motivated to modify this combination for various advantages, such as allows a user to make various selections regarding design of a web site and for the web site to maintain an overall consistency, allows for the collection of various information from an external database to be used in making automatic selections regarding the design of a web site, and can be combined in a "1-to-many" format, thereby insuring that a single person or skill is not restricted to a single web user but becomes available to all users (as taught by Underwood col. 3, line 55 through col. 3, line 45).

As to independent claim 20, incorporate substantially similar subject matter as cited in claim 1 above, and further view of the following, and is similarly rejected along the same rational,

remote computer in communication with said server (Sragner at col. 2, line 20 through col. 3, line 65, discloses a novel method of transferring documents and related data between a central server and one or more remote users wherein a remote user access to forms and other formatted or graphic documents across all major computing platforms without the need for secondary formatting software, offers a user-friendly system that sends user-selected documents, which may also include related data, from a central server to a remote user automatically over a computer network utilizing a server gateway interface, wherein the documents may be of any format, including forms, instructional materials, newsletters, databases and the documents are made available in plural formats, which may include but are not limited to Microsoft Word (trademark), Corel WordPerfect (trademark), Lotus 123 (trademark), Microsoft Excel (trademark), and ASCII Tex. Further more embodiments include host sites such as the IRS and other government agencies as well as private corporate hosts providing selectable documents and services from a central server such as tax forms, application forms such grant applications, business and tax forms and reporting forms, and publications such as government reports, books, and instructions) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein remote computer would have been an obvious inherent of “from a central server to a remote user automatically over a computer network utilizing a server gateway interface”. It is appreciated to a person of ordinary skill in the art at the time the invention was made that a remote computer is inherently presented in order for information communicated

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from a central server to a remote user automatically over a computer network utilizing a server gateway interface,

said server in communication with processor module (Sragner at col. 2, line 20 through col. 3, line 65, and col. 4, line 45 through col. 6, line 5, discloses the network server hosts plural documents. The CGI listing script first provides a user at a user terminal (computer) a list of available documents from the plural documents residing on the network server) Examiner read the above in the broadest reasonable interpretation to the claim limitation, wherein communication with processor module would have been reasonably a variant of a computer network utilizing a server gateway interface for communicating with a remote user's terminal (computer, which includes a processor module (Central Processing Unit (CPU) and memory and software) for executing any instructions) to a person of ordinary skill in the art at the time the invention was made ,

generate a web page displaying a series of questions on said at least one remote computer to be responded to by a user; and fill in a plurality of fill points within an incomplete assembled document stored in said server to complete an assembled document however (Underwood at col. 14 line 20 through col. 36 line, 10, also see Fig. 5-58, discloses a Universal Content Manager (UCM) in a client /server environment wherein server provides templates and tool to end users to generate a customized web site, wherein introducing the Website Definer (see Fig. 5) which is the user interface for selection and maintaining of the website, further discloses in Fig. 32-40 the "Questions" command from pop-up menu (item 3705), which is displayed by selecting an individual page template from site map area (item

1405), further more in Fig. 54 shows a structure tree (item 5505) displays the structural hierarchy of the template web pages that have been enable for the template web site).

A database couple to said server for storing a plurality of templates and other document assembly assets including a plurality of input documents, however (Underwood at col. 38, line 45 through col. 39 line 20, discloses a local storage, edit store data store and a database, which may be traditional relational database (e.g. Oracle database). Edit store accommodates all of the Definer user interface functionality (i.e., all of the editing logic, the publishing process, etc). Data store is a repository for content information, and the relational database is used to store information on users, sponsors, accounting information, etc. Accordingly, Remote Method Invocation (RMI) protocols may be used for the remote communications between edit store and data store. For increased compatibility and flexibility, the Common Object Request Broker Architecture (CORBA) may be used as well. Thus, system 6600 is scalable in that edit stores can be conveniently added to handle larger numbers of concurrent editing sessions on Definer. Furthermore, multiple web servers may be deployed at various localities for each edit store, which may serve a particular geographical region or community, connected to a central data store. Thus, data store basically acts as a central repository for information and is a centralization point for all of the data, including content for generating web sites and templates using Definer.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify teachings of Sragner, wherein a server having a plurality of templates and other document assembly assets stored therein; and at least one remote computer configured to communicate with said server directing said server to access said plurality of

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templates and said other assembly assets to assemble fully formatted documents without using any document-assembly software and word processing software stored on said at least one remote computer, to include a means of generate a web page displaying a series of questions on said at least one remote computer to be responded to by a user; and fill in a plurality of fill points within an incomplete assembled document stored in said server to complete an assembled document and a database couple to said server for storing a plurality of templates and other document assembly assets including a plurality of input documents of Underwood's teaching. One of the ordinary skill in the art would have been motivated to modify this combination for various advantages, such as allows a user to make various selections regarding design of a web site and for the web site to maintain an overall consistency, allows for the collection of various information from an external database to be used in making automatic selections regarding the design of a web site, and can be combined in a "1-to-many" format, thereby insuring that a single person or skill is not restricted to a single web user but becomes available to all users (as taught by Underwood col. 3, line 55 through col. 3, line 45).

As to dependent claim 2, at least one database coupled to said server, each template stored in said database (as taught by Sragner at col. 3, lines 1-10).

As to dependent claim 3, wherein said database comprises at least one security system that limits access to said database to authorized users (as taught by Sragner at col. 5, lines 35-40).

As to dependent claim 4, wherein said at least one remote computer is further configured to communicate with said server to restructure and reassemble a previously assembled document, (as taught by Sragner at col. 4, lines 25-45, Sragner disclosed an

server/client interacting filing out form (i.e. template). The schema used here in the broadest reasonable interpretation as claimed, wherein interacting filing out form/template is interpretation equivalent to restructure and reassemble a previously assembled document).

As to dependent claim 5, incorporate substantially similar subject matter as cited in claim 4 above, and further view of the following, and is similarly rejected along the same rationale; **performing at least one of changing parameters within the previously assembled document, and adding new data to the previously assembled document while reusing organizational elements and document specific data common to the previously assembled document**, (as taught by Sragner at col. 3, lines 25-30, Sragner disclosed an server/client interacting filing out form/template, including a provision for updating , remove the available document, manage and rename . The schema used here in the broadest reasonable interpretation as claimed, wherein updating, remove the available document, manage and rename is interpretation equivalent to changing parameters within the previously assembled document).

As to dependent claim 6, wherein said at least one remote computer is further **configured to communicate with said server to assemble documents from an invoked template and said other assembly assets to assure compliance with state and federal laws, rules, and regulations, and business entity rules, regulations, and policies**, (as taught by Sragner at col. 3, lines 35-40).

As to dependent claim 7, wherein said at least one remote computer is further **configured to communicate with said server to integrate pre-approved documents from another computer system into said assembled document as said documents are being assembled** (as taught by Sragner at col. 3, lines 33-40, Sragner disclosed an server/client

interacting filing out form/template, wherein user-selected documents including related data and data entry points, from a central server. These embodiments include host sites such as the IRS, government agencies, private corporate hosts providing selectable documents and services from a central server such as tax forms, application forms such grant applications, business and tax forms and reporting forms, and publications such as government reports, books, and instructions).

As to dependent claim 8, wherein said at least one remote computer is further configured to communicate with said server to display a workflow status of said document assembly (as taught by Sragner at col. 3, lines 25-50, Sragner disclosed an server/client interacting filing out form/template, including a security screen to maintain, manage, rename, update and remove the available documents. The schema used here in the broadest reasonable interpretation as claimed, wherein updating, remove the available document, is interpretation equivalent to a workflow status), **to display at least one of a user identity who created said document assembly** (as taught by Sragner at col. 3, lines 33-40, Sragner disclosed an server/client interacting filing out form/template. It is inherent if the income tax return was filed by one, then identity of one is required to appear in such particular form for individual distinguishing purpose).

As to dependent claim 9, wherein said at least one remote computer is further configured to communicate with said server to display a report including at least one of a summary of all document assembly elements, a summary of missing and incomplete parameters, and a summary of missing and corrupted document assembly elements (as taught by Sragner at col. 3, lines 25-50, Sragner disclosed an server/client interacting filing out

form/template, including a security screen to maintain, manage, rename, update and remove the available documents. The schema used here in the broadest reasonable interpretation as claimed, wherein updating, remove the available document, is interpretation equivalent to a summary status)

As to dependent claim 10, incorporate substantially similar subject matter as cited in claim 1 above, and is similarly rejected along the same rationale.

As to dependent claim 11, incorporate substantially similar subject matter as cited in claims 1-2 and 9 above, and is similarly rejected along the same rationale.

As to dependent claims 21-29 consecutively, incorporate substantially similar subject matter as cited in claims 2-9 and 11 consecutively above, and are similarly rejected along the same rationale.

As to dependent claim 30, incorporate substantially similar subject matter as cited in claim 11 above, and is similarly rejected along the same rationale.

As to dependent claim 31, incorporate substantially similar subject matter as cited in claim 1 above, and is similarly rejected along the same rationale.

As to dependent claim 32, incorporate substantially similar subject matter as cited in claims 1 and 10 above, and is similarly rejected along the same rationale.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO**

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MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (571) 272-4103. The examiner can normally be reached on Monday through Friday from 9 AM to 5 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Herndon R. Heather can be reached on (571) -272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Quoc A. Tran
Patent Examiner
Technology Center 2176
January 19, 2006

William S. Bashore
WILLIAM BASHORE
PRIMARY EXAMINER
1/20/2006